

Final Announcement and Programme Information

International Seminar

RADIATION AND THYROID CANCER

20-23 July 1998

St. John's College
Cambridge
United Kingdom

UNIVERSITY OF CAMBRIDGE
Department of Pathology

EC
European Commission
Directorate-General
Science, Research and Development
Radiation Protection Research

DOE
US Department of Energy
Office of Health and Environmental Research
Office of International Health Programmes

NCI
National Cancer Institute

The European Commission (EC), the US Department of Energy (DOE), the US National Institutes of Health (NIH), and the Department of Pathology, University of Cambridge are organising the

**First International Seminar
RADIATION
AND
THYROID CANCER
Cambridge, United Kingdom
20-23 July 1998**

The occurrence of a considerable increase in incidence of thyroid cancer in children in areas exposed to fallout from the Chernobyl nuclear reactor accident has drawn attention to the need for a better understanding of the relationship between radiation exposure and the risk of thyroid cancer. Thyroid cancer has been linked to exposure to therapeutic and diagnostic external radiation, it occurred in increased incidence in the population exposed to the Hiroshima and Nagasaki atomic bombs, but there is no evidence of a significant increase in patients treated with radioactive iodine. Despite this an increase in thyroid cancer incidence was found in the Marshall islands population after exposure to fallout from a thermonuclear explosion, and now a considerable increase has occurred in children exposed to fallout from Chernobyl. The principal aims of this meeting are to describe the link between radiation and thyroid cancer, and to explore the many factors influencing the interaction between radiation and the thyroid cell, which together determine the likelihood that a cancer may result. It will include the most recent evidence derived from studies of the effects of Chernobyl, but will place them in the wider context of other experience of radiation induced thyroid carcinoma. Overall it is hoped to present a rounded picture of our understanding of radiation and thyroid cancer, to show how the information from Chernobyl has enhanced our understanding, and to discuss the practical importance of this knowledge in relation to public exposure to radiation in general, and reactor accidents in particular.

The Seminar Programme will include sessions on:

- Thyroid dosimetry from radioactive iodine
- The post-Chernobyl incidence of childhood thyroid cancer in Belarus, the Ukraine and the Russian Federation
- Pathological, molecular and cytogenetic analysis of radiation-induced thyroid tumours
- Tumour suppressor genes and oncogenes in thyroid cancer
- Treatment and prevention of thyroid cancer following radiation exposure
- Epidemiological investigations of thyroid cancer following radiation exposure
- Reactor accidents, radioactive iodine and thyroid cancer risk
- Open Forum with the scientific media

Programme Committee

D. Becker (USA)
K.H. Chadwick (B)
E. Demidchick (BEL)
L.E. Holm (SE)
A. Kellerer (D)
S. Nagataki (JPN)
A. Pinchera (I)
Ch. Reiners (D)
M. Schlumberger (F)
N. Tronko (UKR)
A. Tsyb (RUS)
D. Williams (UK)

Participation

Attendance at the Seminar will be limited by the Conference Facilities to 250. Scientists wishing to attend the seminar or to receive further information should return the enclosed Preliminary Registration Form, duly completed, to A. Karaoglou before

1 September 1997

Abstracts

Proffered papers are invited for oral presentation only. Papers must be relevant to the topic of the meeting. Scientists wishing to present a paper are requested to submit an abstract to the Scientific Secretariat before

1 December 1997

Abstracts must be typed in English in camera-ready form using single spacing. The text should be no longer than one page (minimum 300 words) and be typed inside a 16cm wide by 24cm high frame. The abstract should include the title, authors names and affiliation. The abstracts should be sufficiently detailed to permit the Committee to make an assessment of the scientific merit of the paper and its suitability for the programme. The first author will be notified in February 1998 whether the paper has been accepted or not.

The conference languages will be English and Russian with simultaneous translation.

Proceedings

The proceedings of the Seminar will be published. Authors will receive instructions for the preparation of manuscripts on acceptance of the paper. Acceptance of a paper for presentation at the seminar does not imply that the paper will automatically be published. Manuscripts will be refereed prior to publication. In order to allow the editors to publish the proceedings without delay, all authors must submit their manuscript to the Scientific Secretariat at the meeting no later than

20 July 1998

Venue and Accommodation

The Seminar will be held at the University of Cambridge in the United Kingdom. St. John's College will be used for the meeting sessions. Cambridge is situated north-east of London in East Anglia and is one of the most beautiful old university towns in England. The most convenient International Airport is London Stanstead which has direct coach link to Cambridge. Travellers flying into London Heathrow or Gatwick can take a bus direct from the airports to Cambridge or go via central London by train. Cambridge can also be reached by car from London using the M11 motorway, however, parking in Cambridge is very restricted. There are a limited number of twin rooms in St. John's College as well as single rooms. Hotel accommodation is available nearby. Although no social programme for accompanying persons is planned, Cambridge is a beautiful town and there is much to see.

Financial Assistance for Young Scientists

Limited funds are available to assist young scientists with the cost of attending the seminar. In order to be eligible scientists should be under 35 years of age and have received their most advanced degree in 1991 or later and be currently employed as a graduate student, post-doctoral fellow or research associate, doing research in radiation biology, or an area relevant to the topic of the seminar. Applications for financial assistance should be made to the scientific secretariat [A. Karaoglou] before

1 December 1997

Second Announcement

The second announcement will be mailed in November 1997 to all those who have returned the preliminary registration form before 1 September 1997

Registration Fee

The cost of the registration, accommodation in College, lunches, participation in the Scientific Programme, the Book of Abstracts, the Proceedings, the Welcome Reception and the Conference Dinner will be approximately 500 ECU.

Important Deadlines

Preliminary Registration: 1 September 1997
Second Announcement: November 1997
Submission of Abstracts: 1 December 1997
Young Scientist Awards: 1 December 1997
Submission of Manuscripts: 20 July 1998

Organising Committee

A. Karaoglou (B)
R. Neta (USA)
G. Thomas (UK)
B. Wachholz (USA)
D. Williams (UK)

Local Organisation

Dr G. Thomas
Department of Histopathology
Addenbrooke's Hospital
CAMBRIDGE CB2 2QQ
UNITED KINGDOM
Tel: 44.1223.217164
Fax: 44.1223.216980

Scientific Secretariat

Dr A. Karaoglou
European Commission
DG XII-F-6, (MO 75 4/14)
200, rue de la Loi
B-1049 BRUSSELS
BELGIUM
Tel: 32.2.29.54956
Fax: 32.2.29.66256

EC

European Commission
Directorate General
for Science, Research and Development
Radiation Protection Research Unit

University of Cambridge

Department of Pathology

First International Seminar

RADIATION

AND

THYROID CANCER

20 - 23 July 1998

St John's College
Cambridge
United Kingdom

First Announcement
Call for Papers

DOE

US Department of Energy
Office of Health and Environmental Research
Office of International Health Programmes

NIH

National Institutes of Health

The European Commission (EC), the US Department of Energy (DOE), the US National Institutes of Health (NIH), and the Department of Pathology, University of Cambridge are organising the

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**RADIATION
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Programme Information

The programme includes 5 sessions with the following invited speakers:

MONDAY 20th JULY

Opening Session

- J Sinnaeve (EC) , F Hawkins (DOE) and B Wachholz (NCI)
- ED Williams (UK)

Session IA Radiation and the Incidence of Thyroid Cancer in Man I

- AB Schneider (USA), LE Holm (S)
- **Symposium on Population Exposures to Nuclear Radiation**

US experience : Panel members: A Bouville (USA), E Ron (USA), B Wachholz (USA), R Shore (USA),

ABS population and Marshall islanders: Panel members: S Nagataki (Japan) and K Trott (UK)

Session IB Radiation and the Incidence of Thyroid Cancer in Man II

- **Symposium on Chernobyl and Thyroid Cancer**

Panel Members: EP Demidchik (BEL), ED Cherstvoy (BEL), ND Tronko (UKR), IA Likhtarev (UKR), AF Tsyb (RUS), V Ivanov (RUS)

TUESDAY 21st JULY

Session IIA Mechanisms of Radiation Carcinogenesis in the Thyroid I

- M Atkinson (D), CC Capen (USA), ED Williams (UK)

Session IIB Mechanisms of Radiation Carcinogenesis in the Thyroid II

- GC Vecchio (I), D Wynford-Thomas (UK), JE Dumont (B)

WEDNESDAY 22nd JULY

Session IIIA Prevention, Screening and Treatment of Radiation induced Thyroid Carcinoma

- M Schlumberger (F), S Yamashita (Japan), J Naumann (POL)

Session IIIB Prevention, Screening and Treatment of Radiation induced Thyroid Carcinoma

- A Pinchera (I), E Cardis (F)

THURSDAY 23rd JULY

Session IV Ascertaining and Predicting the Consequences of a Nuclear Accident

- R Shore (USA), N Day (UK)

Session V The Future

- Future prospects
- Radiation and thyroid cancer - conclusions, lessons and actions. Round table of the session chairmen with general discussion

FINANCIAL ASSISTANCE FOR YOUNG SCIENTISTS

Limited funds are available to assist young scientists with the cost of attending the seminar. In order to be eligible, scientists should be under 35 years of age, and be currently employed as a graduate student, post-doctoral fellow or research associate, carrying out research in radiation biology, or an area relevant to the topic of the Seminar. Applications for financial assistance should be made to the scientific secretariat [A. Karaoglou] before 1 February 1998.

ABSTRACTS

Proffered papers are invited for oral presentation for each of the sessions given above. Papers must be relevant to the topic of the meeting. Scientists wishing to present a paper are requested to submit an abstract to the Scientific Secretariat before 1 February 1998.

Abstracts must be typed in English in camera-ready form using single spacing and a font size no less than 10. The text should be no longer than one page (maximum 300 words) and be typed inside a frame 16cm wide by 24cm high. The abstract should include the title, authors names and affiliation. The abstracts should be sufficiently detailed to permit the Committee to make an assessment of the scientific merit of the paper and its suitability for the programme. The first author will be notified in April 1998 whether the paper has been accepted or not.

The conference languages will be English and Russian with simultaneous translation.

PROCEEDINGS

The proceedings of the Seminar will be published by World Scientific Publishing. Authors will receive instructions for the preparation of manuscripts on acceptance of the paper. Manuscripts will be refereed prior to publication. Acceptance of a paper for presentation at the seminar does not imply that the paper will automatically be published. In order to allow the editors to publish the proceedings without delay, all

authors must submit their manuscript to the Scientific Secretariat at the meeting on 20 July 1998

IMPORTANT DEADLINES

Submission of abstracts: 1 February 1998

Young scientist awards: 1 February 1998

Registration: 30 April 1998 (additional fee payable for late registration)

Submission of manuscripts: Start of meeting - 20 July 1998

REGISTRATION FEE FOR THE MEETING

The registration fee of 500 ECU will cover participation in the scientific programme, the book of abstracts, the proceedings, bed, breakfast and lunch in St. John's College from Sunday evening to Thursday lunchtime, the Welcome Reception on Sunday evening, and the conference dinner on Wednesday evening. Registration fees may be paid either in ECU, £ sterling or in US\$.

The registration and accommodation booking form is at the end of this booklet; payment details are included; it should be sent to the local organisers at the address given on the form, together with the payment.

PARTICIPATION

Attendance at the Seminar will be limited to 250. Participants wishing to attend the Seminar should return the enclosed Registration Form, duly completed, to the address given on the form before 30 April 1998.

REGISTRATION DESK

The registration desk will be open on Sunday 19 July from 6-8 p.m. and on Monday 20 July from 8.00 a.m. to 5.00 p.m. The meeting will start at 8.30 a.m. on Monday 20 July and will close at lunchtime on Thursday 23 July 1998.

LOCATION

The Seminar will be held at St. John's College, University of Cambridge, UK.

VENUE AND ACCOMMODATION

Cambridge is situated about 50 miles (80 km) north-east of London and is a beautiful old university town. The most convenient International Airport is London Stansted, which has short direct coach link to Cambridge. A direct hourly coach service also operates 24 hours a day from Heathrow and Gatwick airports. Travellers flying to Heathrow or Gatwick can also reach Cambridge by rail via central London. Cambridge can also be easily reached by car from London using the M11 motorway. However, parking in Cambridge is very restricted, and St John's College is located in the heart of the historic city. Whilst late registration for the meeting is possible, accommodation in College will be allocated in order of application, and may not be available to late applicants. Children under 16 are not allowed to stay in College. There are a number of twin rooms in St John's College as well as single rooms. Hotel accommodation is available nearby; a list of hotels is included in the booklet.

SOCIAL PROGRAMME

Sunday 19th July: Welcome Reception

Monday 20th July: Punting trip (optional, will be charged for separately).

Wednesday 22nd July: Conference Dinner

Although no social programme for accompanying persons is planned, Cambridge is a beautiful town and there is much to see in Cambridge itself, in the nearby cathedral city of Ely, and in London, which is served by frequent trains with a journey time of about 1 hour.

PROGRAMME COMMITTEE

D. Becker (USA)	A. Pinchera (I)
K.H. Chadwick (B)	Ch. Reiners (D)
E. Demidchick (BEL)	M. Schlumberger (F)
L.E. Holm (SE)	N. Tronko (UKR)
A. Kellerer (D)	A. Tsyb (RUS)
S. Nagataki (JPN)	D. Williams (UK)

ORGANISING COMMITTEE

A. Karaoglou (EC)	B. Wachholz (NCI)
R. Neta (DOE)	D. Williams (UK)
G. Thomas (UK)	

LOCAL ORGANISATION

Dr G. Thomas	
c/o Mr A Kirby	
Finance Office	
Department of Pathology	
Tennis Court Road	c-mail: gat1000@cam.ac.uk
CAMBRIDGE CB2 1TS	Tel: 44.1223.333935
UNITED KINGDOM	Fax: 44.1223.339871

SCIENTIFIC SECRETARIAT

Dr A. Karaoglou	
European Commission	
DG XII.F-6, (MO 75 4/14)	
200, rue de la Loi	
B-1049 BRUSSELS	Tel: 32.2.29.54956
BELGIUM	Fax: 32.2.29.66256

REGISTRATION FORM

	Before 30.04.98	After 30.04.98	Amount to be paid
Inclusive Registration fee for delegates	£ 320 500 ECU US\$ 610	£ 375 585 ECU US\$ 710	
Inclusive Registration for accompanying persons	£ 220 340 ECU US\$ 420	£ 275 430 ECU US\$ 525	
Registration fee for delegates (excluding accommodation) *	£ 240 375 ECU US\$ 460	£ 275 430 ECU US\$ 525	
Registration fee for accompanying persons (excluding accommodation) *	£ 120 190 ECU US\$ 230	£ 175 275 ECU US\$ 335	
Welcome Reception * Sunday 19th July	FREE (for registrants)	FREE (for registrants)	
Conference Dinner* Wednesday 22nd July	FREE (for registrants)	FREE (for registrants)	
Punting Trip Monday 20th July	£ 12.50 20 ECU US\$ 25	£ 12.50 20 ECU US\$ 25	

TOTAL AMOUNT ENCLOSED: _____

* The Welcome Reception and Conference Dinner are free for all registered delegates and accompanying persons, but numbers are limited for the the dinner. Please tick to indicate that you will attend these functions - tickets will be required for admission to these events.

+ Registrants paying the registration fee exclusive of accommodation must make their own arrangements for hotel accommodation. A list of hotels and approximate prices is enclosed.

RADIATION AND THYROID CANCER

20-23 July 1998

Cambridge, U.K.

Registration Form

Surname:

Forename:

Title:

Profession:

Institute/Organisation:

Address:

Tel: Fax: e-mail: ...

" I wish to register for the seminar

" I will be accompanied by

Bed and breakfast in the College

The College can provide a wide range of comfortable residential accommodation with en-suite facilities.

" I prefer to book: *single room*

" I prefer to book: *twin room*

" I do not wish to book a room

Date of arrival: Date of departure:

PAYMENT DETAILS

Payment is by cheque only either in £ sterling, US\$ or in ECU.

CHEQUES SHOULD BE MADE PAYABLE TO THE UNIVERSITY OF CAMBRIDGE.

Please return this form with your remittance to:

MR A KIRBY,
ASSISTANT SUPERINTENDENT,
DEPARTMENT OF PATHOLOGY,
TENNIS COURT ROAD,
CAMBRIDGE CB2 1TS

HOTEL ACCOMMODATION

Please note: prices are per room per night and are 1997 prices - they may increase for 1998.

Regent Hotel
39/41 Regent Street,
Cambridge CB2 1AB
Tel: +44 1223 351470/Fax: +44 1223 566562
Price for double room: £79.50
Price for single room: £59.50
includes VAT and breakfast.
10% discount if you state you are attending a meeting run by the University of Cambridge.

University Arms Hotel
Regent Street,
Cambridge CB2 1AB
Tel: +44 1223 351241/Fax: +44 1223 461319
Price for double room: £120.00
Price for single room: £100.00
includes VAT and breakfast.

Lensfield Hotel
53 Lensfield Road,
Cambridge CB2 1EA
Tel: +44 1223 355017/Fax: +44 1223 312022
Price for double room: £65.00
Price for single room: £45.00
includes VAT and breakfast.

Arundel House
53 Chesterton Road,
Cambridge
Tel: +44 1223 367701/Fax: +44 1223 367721
Price for double room: £59.00 - £89.00
Price for single room: £45.00 - £65.00
includes VAT and breakfast.

Garden House Hotel
Granta Place,
off Mill Lane,
Cambridge
Tel: +44 1223 259988/Fax: +44 1223 316605
Price for double room: £145.00
Price for single room: £110.00
includes VAT but does not include breakfast.
English breakfast: £12.95/ Continental breakfast: £7.95